

KANSAS MEDICAID STATE PLAN

Attachment 4.19D

Part I

Subpart C

Exhibit C-1

Page 11

Methods and Standards for Establishing Payment Rates
Skilled Nursing and Intermediate Care Facility Rates
(NF's and NF's-MH)

Narrative Explanation of Nursing Facility Reimbursement Formula

Case Mix Adjustment Effective January 1, 1994:

The upper payment limit for the Health Care cost center limit will be determined based on the case mix adjustment. This adjustment is explained in detail in the Case Mix Payment System section of this narrative.

REAL AND PERSONAL PROPERTY FEE

The real and personal property fee (property fee) was implemented, effective January 1, 1985, pursuant to Kansas Administrative Regulation 30-10-25. It was implemented as a response to the Deficit Reduction Act of 1984 regarding re-valuation of assets due to a change in ownership. The property fee satisfies this requirement in that it is the capital reimbursement portion of the Medicaid rate and does not change due solely to a change in ownership. The property fee is facility specific and is in lieu of all depreciation, mortgage interest, lease and amortization of lease expense. The actual ownership costs used to develop the property fee were from the latest cost report for each provider that the agency had processed through July, 1984.

The two components of the property fee are the property allowance and the property value factor. An explanation of each of these follows.

Property Allowance: The four line items of ownership cost (mortgage interest, depreciation, lease and amortization of lease expenses) were added together and divided by resident days to arrive at the ownership cost per diem for each provider. The 85% minimum occupancy rule was imposed on all providers who had been in operation for over 12 months. The ownership per diem cost was reduced proportionately for each provider who had total property costs in excess of the 85th percentile limit on the Property Cost Center Limit. This adjustment to the ownership per diem cost was based on the ratio of ownership costs to total property costs, multiplied by the property costs in excess of the cost center limit. The ownership per diem cost minus this adjustment (if any) resulted in the property allowance.

KANSAS MEDICAID STATE PLAN

Attachment 4.19D

Part I

Subpart C

Exhibit C-1

Page 12

Methods and Standards for Establishing Payment Rates
Skilled Nursing and Intermediate Care Facility Rates
(NF's and NF's-MH)

Narrative Explanation of Nursing Facility Reimbursement Formula

Property Value Factor: The property allowances for all providers were arrayed by level of care and percentiles established. These percentiles became the basis for establishing the property value factor. The five different groupings developed from each array are as follows:

| <u>Group #</u> | <u>Percentile Ranking</u> | <u>Add-On Percent</u> |
|----------------|-------------------------------|-----------------------|
| 1 | -0- through 25th Percentile | 45% |
| 2 | 26th through 50th Percentile | 15% |
| 3 | 51st through 75th Percentile | 7.5% |
| 4 | 76th through 85th Percentile | 5% |
| 5 | 86th through 100th Percentile | 0% |

Once the percentile groups were established, a weighted average property allowance was calculated for each group. This average property allowance was then multiplied by the add-on percentage to arrive at the property value factor for each group. This add-on percentage is inversely related to the percentile ranking. That is, the lower the percentile ranking, the higher the add-on percentage. The property value factor for each percentile group was then assigned to each provider within that group.

There are two value factor arrays. One array is the Medicare skilled nursing facilities. The other is for nursing facilities which are not certified as Medicare skilled facilities. The value factor is determined based on the classification of the nursing facility and by using the applicable array.

The applicable array applies to the certification of the facility at the time the property fee is established. The value factor does not change with a change in certification. However, if a property fee changes due to a "rebasings", then the value factor is based on the array for which the facility is certified at the time the rebasing is effective.

There are two provisions for changing the property fee. One is for a "rebasings" when capital expenditure thresholds are met (\$25,000 for homes under 51 beds and \$50,000 for homes over 50 beds). The original property allowance remains constant but the additional factor for the rebasing is added. The property fee rebasing is explained in greater detail in Exhibit A-14 (K.A.R. 30-10-25). The other provision is that an inflation factor may be applied to the property fee on an annual basis.

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TN#MS-98-08 Approval Date _____ Effective Date _____ Supersedes TN#MS-95-19

KANSAS MEDICAID STATE PLAN

Attachment 4.19D

Part I

Subpart C

Exhibit C-1

Page 13

Methods and Standards for Establishing Payment Rates
Skilled Nursing and Intermediate Care Facility Rates
(NF's and NF's-MH)

Narrative Explanation of Nursing Facility Reimbursement Formula

INCENTIVE FACTOR

The incentive factor is a per diem add-on ranging from zero to fifty cents. It is based on the per diem cost of the Administration cost center and the Plant Operating cost center less the real and personal property taxes expense line. The per diem allowance for these two cost centers less property taxes is determined before the owner/related party/administrator/co-administrator limitation is applied.

The incentive is designed to encourage economy and efficiency in the administrative and plant operating cost areas. Property taxes were excluded since the provider has little control of the cost. There is an inverse relationship between the incentive factor and the per diem cost used to determine it. The higher the per diem cost, the lower the incentive factor.

The Schedule E is an array of the per diem costs that are used to determine the incentive factor. The schedule includes the costs from the most recent historical cost report for all active providers. No projected cost reports are included. The per diem costs are based on the 85% occupancy rule. The costs are not adjusted for inflation.

The Schedule E summarizes all expense lines from the Administration cost center and the Plant Operating cost center, less property taxes. The ownership costs are excluded from the array so that both older facilities (with relatively lower ownership costs) and newer facilities (with relatively higher ownership costs) can benefit from the incentive factor through efficient operations. The Room and Board and Health Care cost centers are excluded from the incentive factor calculation so that providers are not rewarded for cost efficient operations with regard to costs that may jeopardize the direct care of the residents.

The total per diem costs for administration and plant operating, less property taxes, are arrayed and percentiles established. These percentiles then become the basis for establishing the per diem cost ranges used to determine each providers efficiency factor, consistent with agency policy. The ranges are defined as follows:

| <u>Providers Percentile Ranking</u> | <u>Incentive Factor Per Diem</u> |
|-------------------------------------|----------------------------------|
| -0- to 30th Percentile | \$.50 |
| 31st to 55th Percentile | .40 |
| 56th to 75th Percentile | .30 |
| 76th to 100th Percentile | -0- |

TN#MS-98-08 Approval Date NOV 19 1998 Effective Date JUL 01 1998 Supersedes TN#MS-95-19

KANSAS MEDICAID STATE PLAN

Attachment 4.19D

Part I

Subpart C

Exhibit C-1

Page 14

Methods and Standards for Establishing Payment Rates Skilled Nursing and Intermediate Care Facility Rates (NF's and NF's-MH)

Narrative Explanation of Nursing Facility Reimbursement Formula

INFLATION FACTORS

Inflation will be applied to the allowable reported costs from the calendar year end cost reports for rates effective July 1st. The inflation will be based on the Data Resources, Inc. National Skilled Nursing Market Basket Index (DRI Index). The inflation will be applied from the midpoint of the cost report period to the midpoint of the payment limitation period (December 31st). This annual percentage estimate is used consistently throughout the limitation period.

The DRI Indexes listed in the latest available quarterly publication will be used to determine the inflation tables for the payment schedules processed during the payment limitation period. This will require the use of forecasted factors in the inflation table. The inflation tables will not be revised until the next payment limitation period.

For historic cost report periods ending other than the last month in a quarter, the inflation factor to be used in the calculation will be the factor for the quarter in which the cost reporting period ends. For example, a cost report period ended August 31st, will receive inflation based on the calculation using the September, third quarter, DRI Index forecast. This approach is being used instead of trying to convert a quarterly index into monthly factors.

The table "Inflation For Report Year End Prior To July 1" (Exhibit C-2, page 1) is applied in determining rates with an effective date of July 1. The table "Inflation For Report Year Ends After July 1" (Exhibit C-2, page 2) is applied in determining rates for non calendar year historic cost reports with rate effective date other than July 1.

The inflation factor is applied to all costs except the following:

- 1) Administrator and Co-Administrator Salaries
- 2) Owner/Related Party Compensation
- 3) Interest Expense
- 4) Real and Personal Property Taxes

RATE EFFECTIVE DATE

Rate effective dates are determined in accordance with Exhibit A-7 (K.A.R. 30-10-19). The rate may be revised for an add-on reimbursement factor (i.e., rebased property fee or 24 hour nursing), desk review adjustment or field audit adjustment.

KANSAS MEDICAID STATE PLAN

Attachment 4.19-D

Part I

Subpart C

Exhibit C-2

Page 1

INFLATION FOR REPORT YEAR ENDS PRIOR TO 7/1/99
EFFECTIVE 07/01/99

| REPORT YEAR END (RYE) | MIDPOINT OF RYE | MIDPOINT OF RYE INDEX | MIDPOINT OF RATE PERIOD | MIDPOINT OF RATE PERIOD INDEX | HISTORICAL INFLATION FACTOR % • |
|-----------------------------|--------------------|-----------------------------|-------------------------------|--|---------------------------------------|
| 12-96 | 06-96 | 1.123 | 12-99 | 1.254 | 11.665% |
| 12-97 | 06-97 | 1.156 | 12-99 | 1.254 | 8.478% |
| 01-98 | 07-97 | 1.168 | 12-99 | 1.254 | 7.363% |
| 02-98 | 08-97 | 1.168 | 12-99 | 1.254 | 7.363% |
| 03-98 | 09-97 | 1.168 | 12-99 | 1.254 | 7.363% |
| 04-98 | 10-97 | 1.179 | 12-99 | 1.254 | 6.361% |
| 05-98 | 11-97 | 1.179 | 12-99 | 1.254 | 6.361% |
| 06-98 | 12-97 | 1.179 | 12-99 | 1.254 | 6.361% |
| 07-98 | 01-98 | 1.189 | 12-99 | 1.254 | 5.467% |
| 08-98 | 02-98 | 1.189 | 12-99 | 1.254 | 5.467% |
| 09-98 | 03-98 | 1.189 | 12-99 | 1.254 | 5.467% |
| 10-98 | 04-98 | 1.199 | 12-99 | 1.254 | 4.587% |
| 11-98 | 05-98 | 1.199 | 12-99 | 1.254 | 4.587% |
| 12-98 | 06-98 | 1.199 | 12-99 | 1.254 | 4.587% |
| 01-99 | 07-98 | 1.209 | 12-99 | 1.254 | 3.722% |
| 02-99 | 08-98 | 1.209 | 12-99 | 1.254 | 3.722% |
| 03-99 | 09-98 | 1.209 | 12-99 | 1.254 | 3.722% |
| 04-99 | 10-98 | 1.216 | 12-99 | 1.254 | 3.125% |
| 05-99 | 11-98 | 1.216 | 12-99 | 1.254 | 3.125% |
| 06-99 | 12-98 | 1.216 | 12-99 | 1.254 | 3.125% |

• = (Midpoint of rate period index / Midpoint of rye index) -1

KANSAS MEDICAID STATE PLAN

Attachment 4.19-D

Part I

Subpart C

Exhibit C-2

Page 2

INFLATION FOR REPORT YEAR ENDS AFTER 7/1/99 EFFECTIVE 07/01/99

| <u>RYE</u> | <u>MIDPOINT OF RYE</u> | <u># OF MONTHS FROM MIDPOINT TO 07-01-00</u> | <u>RED</u> | <u># OF MONTHS FROM RED TO 07-01-00</u> | <u>INFLATION FACTOR</u> |
|------------|----------------------------|--|------------|---|-----------------------------|
| 07-31-99 | 01-31-99 | 17 | 08-01-99 | 11 | 2.951% |
| 08-31-99 | 02-28-99 | 16 | 09-01-99 | 10 | 2.822% |
| 09-30-99 | 03-31-99 | 15 | 10-01-99 | 9 | 2.694% |
| 10-31-99 | 04-30-99 | 14 | 11-01-99 | 8 | 2.566% |
| 11-30-99 | 05-31-99 | 13 | 12-01-99 | 7 | 2.438% |
| 12-31-99 | 06-30-99 | 12 | 01-01-00 | 6 | 2.309% |
| 01-31-00 | 07-31-99 | 11 | 02-01-00 | 5 | 2.181% |
| 02-29-00 | 08-31-99 | 10 | 03-01-00 | 4 | 2.053% |
| 03-31-00 | 09-30-99 | 9 | 04-01-00 | 3 | 1.924% |
| 04-30-00 | 10-31-99 | 8 | 05-01-00 | 2 | 1.796% |
| 05-31-00 | 11-30-99 | 7 | 06-01-00 | 1 | 1.668% |

X = NUMBER OF MONTHS FROM MIDPOINT OF RYE TO 07/01/00

Y = NUMBER OF MONTHS FROM RED TO 07/01/00

FORMULA = $0.2566\% \cdot [X-(Y/2)]$

ANNUAL RATE OF INFLATION = 3.079%

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TN# MS-99-13 Approval Date Effective Date 7/1/99 Supersedes TN# MS-98-08

KANSAS MEDICAID STATE PLAN

Attachment 4.19-D

Part I

Subpart C

Exhibit C-2

Page 3

COST CENTER LIMITATIONS EFFECTIVE 07/01/99

| <u>COST CENTER</u> | <u>UPPER LIMIT</u> |
|--------------------|--------------------|
| Administration | \$12.70 |
| Property | \$11.67 |
| Room & Board | \$21.98 |
| Health Care | \$61.01 * |

* = Base limit for a facility average case mix index of 1.00

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TN# MS-99-13 Approval Date Effective Date 7/1/99 Supersedes TN# MS-98-08

KANSAS MEDICAID STATE PLAN

Attachment 4.19-D

Part I

Subpart C

Exhibit C-2

Page 4

INCENTIVE FACTORS EFFECTIVE 07/01/99

| Level | Percentile Range | | Per Patient Day Range | | Incentive Factor |
|-------|------------------|-------|-----------------------|-------|------------------|
| | Low | High | Low | High | |
| NF | -0- | 30th | \$ -0- | 14.56 | \$.50 |
| | 31st | 55th | 14.57 | 17.45 | 0.40 |
| | 56th | 75th | 17.46 | 19.35 | 0.30 |
| | 76th | 100th | 19.36 | above | -0- |

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TN# MS-99-13 Approval Date _____ Effective Date 7/1/99 Supersedes TN# MS-98-08

KANSAS MEDICAID STATE PLAN

Attachment 4.19D
Part I
Subpart C
Exhibit C-2
Page 5

OWNER/RELATED PARTY SALARY LIMITATIONS
ALL LEVELS OF CARE
EFFECTIVE 07/01/99

| Job Classification | Salary Range(**) | Bed Size: 0-59 | 60-120 | 121+ | 0-99 | 100 | Any Size |
|--|------------------|-------------------|--------|--------|--------|--------|----------|
| Administrator (*) | 23 28 31 | 30,098 | 38,418 | 44,470 | | | |
| Co-Administrator (*) | 19 22 24 | 24,773 | 28,704 | 31,595 | | | |
| Accountant (II) | 24 | | | | | | 31,595 |
| Attorney (II) | 31 | | | | | | 44,470 |
| Bookkeeper | 15 | | | | | | 20,384 |
| Secretary (II) | 15 | | | | | | 20,384 |
| Gen. Maint. & Repair Tech II | 17 | | | | | | 22,485 |
| Physical Plant Supervisor I (1 or 2 Facilities) | 23 | | | | | | 30,098 |
| Physical Plant Supervisor II (3 or More Facilities) | 25 | | | | | | 33,197 |
| Cook | 11 | | | | | | 16,765 |
| Food Service Supervisor II | 17 | | | | | | 22,485 |
| Housekeeper/Laundry Worker | 9 | | | | | | 15,205 |
| Director of Nursing (RN III *) | 25 | | | | 33,197 | | |
| Director of Nursing (RN IV *) | 28 | | | | | 38,418 | |
| Registered Nurse (RN II *) | 22 | | | | | | 28,704 |
| Licensed Practical Nurse (LPN *) | 18 | | | | | | 23,587 |
| LPN Supervisor (*) | 20 | | | | | | 26,021 |
| Health Care Assistant (Nurse Aides) | 12 | | | | | | 17,618 |
| Mental Health Aide | 12 | | | | | | 17,618 |
| Physical Therapist II (*) | 27 | | | | | | 36,566 |
| Physical Therapist Aide | 13 | | | | | | 18,512 |
| Occupational Therapist II (*) | 26 | | | | | | 34,861 |
| Speech Path./Audio. I. (*) | 26 | | | | | | 34,861 |
| Activity Therapy Tech. | 14 | | | | | | 19,406 |
| Activity Therapist I (*) | 22 | | | | | | 28,704 |
| Social Worker (*) | 22 | | | | | | 28,704 |
| Medical Records Administrator | 24 | | | | | | 31,595 |
| Medical Records Technician | 19 | | | | | | 24,773 |
| Central Office (3 or More Facilities) | | | | | | | |
| Chief Executive Officer | 36 | | | | | | 56,763 |
| Chief Operating Officer | 34 | | | | | | 51,522 |
| All Other Chief Officers | 31 | | | | | | 44,470 |

(*) License/Registration/Certificate Requirement

(**) Step 5 of the salary range is used, which represents the State Civil Service market rate.

KANSAS MEDICAID STATE PLAN

Attachment 4.19-D

Part I

Subpart C

Exhibit C-2

Page 6

OWNER/ADMINISTRATOR LIMITATION TABLE EFFECTIVE 07/01/99

| Number of Beds | Total Bed Days | Maximum Owner/Admin Compensation | Limit PPD | F/Y | Amount | Cost of Living State Emp. |
|-------------------|----------------------|--|--------------|-----|--------|---------------------------------|
| 15 | 5,490 | \$19,250 | \$3.51 | 76 | 10,000 | — |
| 16 | 5,856 | 20,195 | 3.45 | 77 | 10280 | 2.800% |
| 17 | 6,222 | 21,140 | 3.40 | 78 | 10537 | 2.500% |
| 18 | 6,588 | 22,085 | 3.35 | 79 | 11301 | 7.250% |
| 19 | 6,954 | 23,030 | 3.31 | 80 | 11781 | 4.250% |
| 20 | 7,320 | 23,975 | 3.28 | 81 | 12617 | 7.100% |
| 21 | 7,686 | 24,920 | 3.24 | 82 | 13248 | 5.000% |
| 22 | 8,052 | 25,866 | 3.21 | 83 | 14109 | 6.500% |
| 23 | 8,418 | 26,811 | 3.18 | 84 | 14426 | 2.250% |
| 24 | 8,784 | 27,756 | 3.16 | 85 | 15147 | 5.000% |
| 25 | 9,150 | 28,701 | 3.14 | 86 | 15933 | 5.190% |
| 26 | 9,516 | 29,646 | 3.12 | 87 | 16411 | 3.000% |
| 27 | 9,882 | 30,591 | 3.10 | 88 | 16575 | 1.000% |
| 28 | 10,248 | 31,536 | 3.08 | 89 | 17238 | 4.000% |
| 29 | 10,614 | 32,482 | 3.06 | 90 | 17755 | 3.000% |
| 30 | 10,980 | 33,427 | 3.04 | 91 | 18021 | 1.500% |
| 31 | 11,346 | 34,372 | 3.03 | 92 | 18021 | 0.000% |
| 32 | 11,712 | 35,317 | 3.02 | 93 | 18111 | 0.500% |
| 33 | 12,078 | 36,262 | 3.00 | 94 | 18202 | 0.500% |
| 34 | 12,444 | 37,207 | 2.99 | 95 | 18407 | 1.125% |
| 35 | 12,810 | 38,152 | 2.98 | 96 | 18591 | 1.000% |
| 36 | 13,176 | 39,098 | 2.97 | 97 | 18591 | 0.000% |
| 37 | 13,542 | 40,043 | 2.96 | 98 | 18777 | 1.000% |
| 38 | 13,908 | 40,988 | 2.95 | 99 | 19059 | 1.500% |
| 39 | 14,274 | 41,933 | 2.94 | 00 | 19250 | 1.000% |
| 40 | 14,640 | 42,878 | 2.93 | | | |
| 41 | 15,006 | 43,823 | 2.92 | | | |
| 42 | 15,372 | 44,768 | 2.91 | | | |
| 43 | 15,738 | 45,714 | 2.90 | | | |
| 44 | 16,104 | 46,659 | 2.90 | | | |
| 45 | 16,470 | 47,604 | 2.89 | | | |
| 46 | 16,836 | 48,549 | 2.88 | | | |
| 47 | 17,202 | 49,494 | 2.88 | | | |
| 48 | 17,568 | 50,439 | 2.87 | | | |
| 49 | 17,934 | 51,384 | 2.87 | | | |
| 50 | 18,300 | 52,330 | 2.86 | | | |

90th Percentile PPD

Administrator & Co-

Administrator Salary.